EXPLOSIVES IN BATTLE

Effect of Ancient Bullets Compared With Modern Missiles.

Cast Steel the Most Payored Metal in England for the Construction of Shells-Men Located Near the Bursting Point Safer Than Those Farther Away-The Uses of Shrapnel.

When armor was abandoned much of the energy of the arquebuse went with it, and the musket, or old Brown Bess, was gradually developed-a much lighter and handler weapon than the arquebuse, and with less recoil, which still delivered a tremendous blow at close quarters. The energy of the bullet from Brown Bess was about 2,000 foot pounds, or about forty times as great as the blow from a hardhit cricket ball, and twice that delivered by the dum-dum or expanding bullet fired from the Lee-Metford rifle at short range. Moreover, the wound made by the musket ball was nearly six times as large as that made by the ordinary Lee-Metford bullet, and probably decidedly worse than anything that the dum-dum bullet can do. It is most unlikely that modern war will ever produce such terrific effects as were caused by the delivery of a volley at close quarters from old Brown Bess. Those struck were in a moment violently hurled to the ground, and the dreadful volley, invariably followed as it was by a bayonet charge, must have been far more trying to the spirit than the prolonged contest and con-'hual fire that mark the modern battlefield. Is it wonderful that under this stress one side or the other usually save way before the bayonets were efer

It is extremely doubtful if the destruction caused by modern artillery will ever come up to that wrought by the smoothpore guns of 100 years ago-not because the modern guns are inferior to their pro-totypes, quite the contrary, but because the latter fought at such close ranges and the target was also far more favorable. The disappointment which was felt by many as to the effect produced by common shells with percussion fuses is not altogether a thing of the past. Only a short time ago there appeared in the papers a statement that the Boer shells were very inferior; one had struck between a man's feet and burst, and had done him no harm. Now, this was just what was to be ex-pected from a thoroughly efficient common shell; the man between whose feet the shell struck was almost bound to es-cape, whatever may have happened to any-

The Preparation of a Shell. In order to explain what happens on the percussion fuse of a common shell acting. readily into a large number of pieces. It readily into a large number of pieces. It is also desirable that it should hold as large a bursting charge as possible. The metal most in favor in England for the manufacture of shells is cast steel, it is much stronger than cast iron, and there are various systems in vogue for carrying it out.

With all its killing power under favoramuch stronger than cast iron, and there-fore allows of the walls of the shells befuse is then screwed in at the top. Some shells, such as those used in the naval 12of the fuse the bursting charge of the shell | tively small.

of the fuse the bursting charge of the shell takes some little time to develop sufficient pressure to burst the shell. This is owing to the comparatively deliberate way in which gunpowder behaves on being ignited. There are many explosives that detonate in one-millionth of a second or thereabouts, but a shell charged with gunpowder will take some five-thousandths of a second to burst. The time does not appear long, but if the shell be traveling at 1,060 foot seconds it will have moved five feet from the point of impact before it bursts. If the velocity he as much as 2,060 foot seconds the shell will not burst till

then bursts well clear of the object.

Effects of Explasions.

And what is the effect of the burst?

Our bottle-shaped shell breaks up into fragments not very dissimilar to those upon the merity of the base of us shell eatire, thought it sometimes breaks into two or three pieces. A bottle behave in much the merity of the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same way. The sides break up very unexplored to the same wa

half a dezen to a dozen remain which ma be dangerous, as they fly more or less along the ground, and these alone are likely to do any harm. But their velocity

ly to do any harm. But their velocity is very speedily reduced by the great resistance of the air, and unleas there are a number of men within, say, ten yards of the place of burst, it is most probable that no one will be hit.

A man standing upright and fairly in the cone of fragments, but twenty yards from the place of burst, would escape seven times out of eight, or if eight men were standing at this distance from the place of burst only one would be hit. If the shell be large and the ground stony this might be some what modified, for the gases from the shell will pick up a certain number the shell will pick up a certain number of stones, and thus increase the number of splinters, which are always more nuserous from a large than a small shell but even then a common shell is not very much to be feared in the open.

Composition of the Shrappel.

When a common shell bursts among walls or buildings or in a confined space i is seen at its best. The fragments and gases from the shell glance off the walls and strike those who would otherwise have escaped. Men are blown down who would have been untouched in the open, and the moral effect is generally much greater. But even under the most favorable condi-tions a common shell leaves much to be desired, and it has therefore been almost entirely superseded in the field by shrap-

small number of hits that can be obtained with a single shell. The shrappel is de-signed to carry a large number of builets, which remain in the shell until it has almost reached the object. The bullets are then blown out by the bursting charge, and act like a volley from a number of muskets or pistols, so that a hundred hits may be made by a single shell.

Externally the shrapnel is very like the ommon shell, but the bursting charge is very small and lies in the bottom of the shell. The body of the shell is filled with bullets numbering some two hundred in the ordinary field gun shrapnel. They rest on a diaphraghm which separates them Bess, which weigh fourteen to the pound. But the auxiety to obtain more hits has resulted in the reduction of the size of the bullets, which now run thirty-five to the pound—that is to say, they weigh somewhat less than half an ounce, and being round, they greatly resemble the pistol bullet of a hundred years ago. The head of the shell is somewhat lossely riveted on, so that it is readily blown off by the small bursting charge. At the apex of the head is the combined time and percussion fuse, within which manuscript each total following boundaries, within which manuscript following boundaries, within which manuscript each viz: east of the Eastern Brauch and not not have east of the Eastern Brauch and not not have east of the Eastern Brauch and not not have east of the Eastern Brauch and not not have east of the Eastern Brauch and not not have east of the Eastern Brauch and not not have east of the Eastern Brauch and north of Anacostia; south of Virginia Avenue and between Seventh Street west and South Capitol Street, and thence wouth to the Potomac River west of the Aqueduct Bridge.

"Also, That all manufacturing plants now located within said boundaries or not, be allowed to continue in their present locations." the head is the combined time and per-cussion fuse, which communicates by a tube passing through the bullets to the bursting charge in the base. The fuse is the most important part of the shrap-nel, and, indeed, without good fuses it is impossible to obtain any satisfactory re-sults with modern field artillery. And not only must the fuses be good, but they must be properly set. The best fuses will give only poor results when manipulated by unpracticed hands. In shrappel practice a certain number of

In shrapnel practice a certain number of rounds are deliberately wasted in opening and its properties. A common shell for a field gun is in shape and size very like an remainder. The initial rounds are fired and gun is in shape and size very like an ordinary plut bottle; the head, however, is dome-shaped, so that if the neck of the bottle be knocked off the similarity is greater. The metal of the shell may be either cast iron or steel. If the former is used there is less room for powder, because the weakness of the castiron necessitates thicker sides to the shell than if it was made of steel. Cast iron, however, bresks up well. What is required in a shell is that it should stand a heavy pressure from outside safely and yet burst readily into a large number of pieces. It

fore allows of the walls of the shells being made comparatively thin, so as to admit of a large bursting charge. It also breaks up into numerous fragments on the burst taking place. Forged steel has also been used, but it is too tough, so that a shell made of this metal only tears up into a few large pieces, much as if it was made of leather. The preparation of a shell is a very simple matter; it is simply filled with powder as full as it will hold, and the fuse is then screwed in at the top. Some thells, such as those used in the naval 12-With all its killing power under favorainto which the fuse screws. The fuse is bullet is spherical, and though the velocity made of metal, and acts as a plug for completely closing the shell.

When a shell bursts the action is not by means instantaneous. After the level. built is spherical, and though the velocity may not be more than 500 to 600 feets seconds, this is quite enough to cause fatal injuries by piercing the body, even though the energy of the blow be read tively small.

States that it is a "hand book of Washing to securities; hanks, trust companies, in surance, gas, telephone, and title companies, street railways, and miscellaneous tively small.

The sphere of action of the field gus, with its shrapnel shells, extends from that range where the power of the rife builet is on the wane to the point where the gun powder will take some five-thousandths of a second to burst. The time does not appear long but if the shell be traveling at 1,000 foor seconds it will have moved five feet from the point of impact before it bursts. If the velocity be as much as 2,000 foot seconds the shell will not burst till that gone for seconds the shell will not burst till the feet struck fles from the point struck. Hence a shell which glances off the object.

Effects of Explosions.

And what is the effect of the burst?

The sphere of action of the field gus, with its shrapnel shells, extends from that range were the power of the rife builet is on the point where the shrap were to the point where the shrap with the point where the shrap were an attractly depends on the power of the rife that propels the builet and on the characteristics of the gun firing the shrapnel. All the magazine rife is with which the infantry are now armed are similar in throwing a light and extremely long builted with a very high very light very light or the power of the ville barn. What the shell the traveling and on the characteristics of the gun firing the shrapnel. All the magazine rife is the book a table giving the facis complete with which the infantry are now armed are similar in throwing a light and extremely long builted with a very ligh very light or the books are similar in throwing a light and extremely long builted with a very light very light or the power of the ville barn. What they prove the same beautiful depends on the power of the rife builted is on the gun in the carrying out their own clients. It is evident that they were now armed are similar in throwing a light on the gun in the carrying out their purpose. There are in the early part of the books a table giving the facts complete with their own clients. It is evident that they were now armed are similar in throwing a light of the

the number of pieces into which the shell breaks and the distance from the point of burst. An ordinary, common shell may furnish from twenty to forty pieces; half of these fly up into the air and come down "spent" at some distance off, burting no one. A few from the under side of the shell strike the ground a few feet beyond the place of burst and stick there. From the place of burst and stick there. From

Plans for the Expansion of Washington's Business interests.

The Board of Trade Is Considering Ways and Means to Make the Capital a Manufacturing Centre-Bills to Be Introduced in Congress-Statistics of Present Industries

The Washington Board of Trade has again taken up the question if Washington can be made a manufacturing and nercial centre as well as the Capital of the nation and the handsome residence city that it now is. The Board of Trade is of the opinion that there is a great field for new business in the District and that the field should be developed. As a means to this object bills will soon be introduced in Congress giving manufacturers special privileges and exemptions in the District, among them freedom from taxation for a number of years.

factures of the board has had the matter under special consideration recently and has adopted a report and a set of resolutions which it will ask the board to adopt at its next meeting. The resolu-tions are as follows:

Whereas, The Washington Board of Trade believe that encouragement should be given to the introduction of manufactur-ing industries, located within the District of Columbia, and to encourage the location

Resolved, That Congress, in the consideration of the subject of taxation and li-cense now before it, or by a separate measure, he requested to provide by proper legfrom the bursting charge. In the older patterns of shrappel these bullets were not the District of Columbia lying within the very dissimilar to those of the old Brown Bess, which weigh fourteen to the pound.

"Resolved further. That Congress be requested to grant to manufacturing indus-tries exemption from taxation on their plants actually occupied and used as such when located within the limits designated; also, exemption of all license fees, for a period of at least ten years after date of

passage of such an act.
"Resolved further, That the Committee on Commerce and Manufactures be authorized to urge upon Congress legislation as herewith recommen • d and to co-operate with any other association or associations in securing the same. "Resolved, That said exemptions shall

"Resolved, That said exemptions shall be subject to proper inspection of such industries by the Commissioners of the District of Columbia by the methods assually emologed by cifies granting exemptions from taxation to industrial or manufacturing plants."

The following figures have been compiled from the District records: The total capital invested in all kinds of local industries in 1890 was \$28.875.000; the total

dustries in 1890 was \$28,876,000; the total amount paid in wages by these industries was \$14,528,000; the cost of materials used was \$17,187,000; the value of products was nearly \$49,000,000; the average number of hands employed in that year was 25,000. These figures have been increased largely in the past decade.

THE INVESTOR'S HAND BOOK.

Messrs, Parris and Mearns Issue Work on Local Securities,

"The Investor's Hand Book for 1990," presumably a first annual edition, giving mon shell, whose explosion is also far a complete epitome of local securities and more terrifying. Although the shrapnel of financial matters in general, has been bullet has less energy when striking at, issues by Messrs, Albion K. Parris and shells, such as those used in the naval 12-supernave a solid pointed head. In that case there is a hole through the base (corresponding to the bottom of the bottom) they into which the shell is filled and into which the shell is filled and into which the fuse screws. The fuse is issues by Messrs. Albion K. Parris and

Arms of the Infantry.

The sphere of action of the field gun.

The publishers of the work, who are well known brokers in local and out-of-town securities, state in tacir preface that the

He bung back about a dozen yards and for the length of a street was surprised to see every man his wife passed stare hard at her and turn round and look after

her when she had passed.
"Sai, lass!" he exclaimed, "I was wrong, an' I take it back. I'll nivver say owt about thy face again." His wily spouse had accomplished the trick by putting out her tongue at every

Selected Gold Properties Selected Gold Properties
In Georgia and Alabama, with good veins carrying
ones averaging 87 to 850 per ton, at prices from
\$2,600 to \$50,000. Coal properties in Temessees
and Alabama, with high quality coals, averaging
\$2,600 tone to the acre, un lines of railways,
prices from \$7 to \$50 an acre. Mice and Iron Ore
lands. COPPER PROPERTIES, West and South,
with ores averaging from 15 to 10 per cent copper. For particulars address COAL AND MINERAL LANDS COMPANY, Allatoona, Ga.

PROMOTE COMMERCE PERFECT MANHOOD



Prof. Jules Laborde's Marvelous French Preparation of **CALTHOS**"

For Lost Manhood.

Full 5 Days' Treatment SENT FREE By Sealed Mail.

NO C. O. D. OR DEPOSIT SCHEME.

Every person who is a sufferer from nervous diseases should write the Von Mohl Co., Clincinnati, Ohio, at once, and accept their offer of a five days' trial treatment free of charge. This is no C. O. D. or DEPOSIT scheme but a liberal proposition made to unfortunate sufferers by this long-established concern, which is the largest importer of specifics for nervous and sexual diseases in the world.

The Von Mohl Co. has the sole American rights for Prof. Laborde's French preparation of "Calithos." the only remedy known to advanced medical science that will positively cure nervous debility. This remedy has for years been used as a specific in the French and German armies, and since its introduction into the United States has cured many thousands of sufferers, and the remarkable success of the remedy in Europe has been repeated in this country.

In order to place this wonderful treatment in the hands of every person who suffers the mental and physical anguish of sexual weakness, The Von Mohl Co., has decided tosendary, and and the remarkable success of the remedy in Europe has been repeated in this country.

In order to place this wonderful treatment in the hands of every person who suffers the mental and physical anguish of sexual weakness, The Von Mohl Co., has decided tosendary, and any of the diseases for which the preparation of "Calithos." is a specific cure. Some irrespondence of any patients who have been cured by "Calithos."

Five days' treatment will be placed in your hands free trial treatment to all who write at once. The remedy is sent by mail in a plain package, and there is no publicity in receiving iter and the remedical expensions of the remedical expensions of the remedical expension of the remedical expensio

FINANCIAL.

M. KLEIN

S.E. Cor. Seventh St. and Pa. Ave. N.W. FAST WIRE QUOTATIONS FRACTIONAL LOTS QUICKEST SERVICE IN THE CITY.
WE PAY WAR TAX.

***sp8-1mc** PHONE 2407.

MURPHY & CO.

Stocks, Grain, Cotton, Provisions. washington national bank references if desired; also Lowery Banking Co., Atlanta, and Mercantile Agencies. jel6-tf

AN OPPORTUNITY to buy the preferred shares. to not on the dividend. The earnings justify and will be convincing on investigation. We buy stocks for delivery or carry on small margins; no higher. L. D. FOWLER & CO., 1921 F. 'Phon

Money to Loan

At 41 and 5 per cent ON REAL ESTATE IN D. Q. SO DELAY BEYOND EXAMINATION OF TITLS WALFER H. ACKER. 704 14th ST. M. W.

MONEY AT 44 and 5 Per Cent. Fremptly Leaned on Real Estate in District Columbia. BEISKELL & MeLERAN, 1006 F Street.

Harrison Dingman. A. C. Jencins DINGMAN & JENKINS.

BROKERS. Atlantic Building, 930 F St. QUOTATIONS W.

Quick Service. Small Margins
'Phone 1770. Fractional Lots. Carley, Rosengarten & Co., BANKERS AND BROKERS, 10 BROAD ST., NEW YORK

Eends, Stecks, Cotton, Grain, Provisions "Special fast wire, constant quotations."
WASHINGTON OFFICE, 1421 F Street N. W. W. B. HIBBS & CO. BANKERS AND BROKERS, Members New York Stock Exchange.

1419 F Street. LADENBURG, THALMANN & CO. New York.

FOR SALE-BOUSES.

FOR SALE

On Capitol Hill, a New Twostory press-brick bay-

window house.

let floor Parlor, large reception hall, diningcom, pantry, and kitchen. 2d floor-Four nice large bed chambers an

Beautifully papered and decorated; quarteredcak cabinet mantels; handsome gas fixtures; cost closet in reception hall, with French-plate mirror; open nickel plumbing; plenty closes reom, Concrete cellar under entire house; cold stor-The other day a married couple were age and trunk rooms; furnace heat; lot 1712x105. Price, \$4,500; terms to suit. Reva and further particulars at our other. COLLINS & GADDIS, obtained from passers by remarked to 511 lith st. uw. Send for bulletin. Telephone

> No. 516 E St. N. E. Open Sunday for Inspection.

For Sale. No. 514 E St. N. E.

Open Sunday for inpsection. Collins & Gaddis.

BANKS AND TRUST COMPATIES. HAVE YOUR WILL PREPARED BY THE

Union Trust and Storage Co.

of the District of Columbia, 1400 F St. N.W. Wills drawn naming the Company Executor or Trustee kept sately and without charge. EDWARD J. STELLWAGEN, Precident, JAMES G. PAYNE, 1st Vice President, GEORGE E. HAMILTON, 2d Vice President, At-tenny, and Trust. Officer. HARLES S. BRADLEY, Treasure GEORGE E. FLEMING, Secretary

RIGGS NATIONAL BANK OF WASHINGTON, D. G.

Capital, \$500,000. ENGLAND, IRELAND, PRANCE AND GERMAN

Letters of Credit AVAILABLE IN ALL FOREIGN PARTS BANE COLLECTIONS, ORDERS FOR INVESTMENTS, STOCKS AND BONDS. apts 16

********* American Security and Trust Co. PACKING WEDDING PRESENTS

requires skillfu! and responsible packers. Our work is guaranteed in every respect. Fireproof Storage Warehouse. 1140 15th Street N. W. ALBERT M. READ, General Manager, hold-end-tr

006500000000000000000000000 \$2,50 Less than I cen: \$2.50 s day. Per Per Year. A Safe Deposit Bot Year. Washington Safe Denosit Co. 916-918 Pa. Ave

Open to 4:80 p m and Saturdays to 8 p. m. ty25-lyr-em ATLAS TABLETS



nal weakness, despondency, THE ATLAS TABLET CO., Filbert at, Philadelphia, sale at Stevens' Pharmacy, and Pa. s'e., and Henry E. 1922 F st. nw.

COOK REMEDY CO.

If I Masonte Temple, Chicago, Ili., for proofs of cures, Capital \$500,000. We solicit the most obatimate cases. We have cured the worst cases in 15 to 25 days. 100-page Book Free

Uncle Sam Don't Wear

a Truss, but he carrier the Air Cushion Truss all over the United States. Men, women, and children wear and like them. The Air Cushion Pad holds with consider; nothing else will. Consultation

AUCTION SALES. A. B. DUVALL, Attorney

IN THE SUPREME COURT OF THE DISTRICT of Columbia, sitting as a District Court. No. 553. In we the extension of Eckington Place. Notice is herety given that the Commissioners of the District of Columbia, pursuant to the provisions of an act of Congress approved March 3, 1809, emitted "An act for the extension of Prisylvania Avenue southeast, and for other purposes," have filed a pertition in this court paying the conformation of the hard required for the extension of Eckington Place, between Q Street and Florida Avenue, to a full width of stay (00) feet, by acquiring the necessary land below Q Street on the wost rade of said Eckington Place, as shown on a plat or map prepared by said Commissioners and annexed to their said petition and marked "Exhinit No. 1." and also praying that a pay be summend by the marmal, in accordance with the provisions of the United States relating to the District of Columbia, to ascertain the damages for at 1 in tespect of the land proposed to be condumed for the widening of said Eckington Place, and to assess one half thereof against those pieces or parcels of ground abutting that portion of the street to be opened and extending to a depth of two hundred (1900) feet from the westerly building line of said Eckington Place.

It is ordered the 10th day of April, A. D. 1900, that all persons interested in the proceedings be, and they are hereby respired to appear in this court on or before the 25th DAY OF APRIL, 1900, to saw here the Washington Trigas newspapers at least sex times, and in the "Evening Star" and the Washington Trigas newspapers at least sex times, and in the "Washington Trigas newspapers at least sex times, and in the "Washington Trigas newspapers at least sex times, and in the "Washington Trigas newspapers at least sex times, and in the "Washington Trigas newspapers at least sex times, and in the "Washington Trigas newspapers at least sex times, and in the "Washington Trigas newspapers at least sex times and the "Washington Trigas newspapers at least sex times for the wa

28 HEAD OF THOROUGHBRED JERSEY CATILE
AT AUCTION, on Wednesday, April 18, 1560,
at "Genston Hall." Write for catalogue giving
full information and pedigrees. Address JOSEPH
SPECHT, Gunston, Va. mh25,28-spl,4,8,11,15

******* Telephone Service, \$3 Per Month and Up.

Cheaper than car fare or messenger hire.

The Chesapeake and Potomac Telephone Company

3,300 Telephones in 3 use in Washington. &

Telephones Nos. 345 and 1993, CONTRACT DEPARTMENT,

******** HONEY WANTED AND TO LOAN.

MONEY We have plenty of m

MÓNEY
MONEY

CAPITAL LOAN GUARANTEE (O.,

DO YOU WANT MONEY?

WHY GO WITHOUT IT! Loans made same day you apply in any amount from \$10 up to \$600, on furniture, pianos, or personal property of any kind, without removal from your possession, and at the very lowest rates. You can make your own terms, and pay back as your circumstances will permit, Our offices are up on the Fifth Foort, away from the street, and are so arranged that you can talk with us quietly and confidentially, and you can rest assured that no one outside of our offices will know you are borrowing money. These who, do not care to have their neighbors or friends know they are in need of money, are the ones we especially desire to serve. We wish to give everyone z square deal. Kindly call and get our rates.

POTOMAC GUARANTEE LOAN CO.,

Money Loaned On Furniture.

On Pianos. We loan you any amount of money on your furniture, planes, organs, or any personal property. Our rates are cheaper and we give the longest time and make payments small. Private offices, business confidential. Call or send portal

Columbia Guarantee Company, mi30-tf.em 613 F St. N. W.

LO21IS Of \$10 and spwards made on FURNITURE, PIANOS, HORSES, Wagons, etc., at lowest rates and on the day you spply. We are loaning on the Building and Loan Association plat, which makes the cost of carrying loans nuch less than you pay elsewhere and allows you to pay it off in any sized notes you desire, running from one to twelve mouths. You only pay for the two of money for the length of time you carry it. If you have a loan with some other company we will pay it off and advance you more money if desired. Rates cheerfully given and no cost to you unless loan is made. Joans made anywhere in the District. Call and get rates. Front room, first floor, Scientific American Building.

MONEY S50,000 MONEY

To loan on furniture, pianos, etc., without removal or publicity and the day you ask for it. We will loan say amount making time and payments to suit, giving one month or one year a you desire, and at rates that you can afford to pay, it you now have a loan with any other company and desire more money, give us a call. Will as cheerfully make a \$10 loan is \$100, and no charge or expense if loan is not made. Always ready and willing to the cheer and payments to and willing the cheer and support attending physicians to treat all diseases of vournat. Office hours, 10 x. m. to 5 p. m. 621 Pa. ave. nw., Washington, D. C. Miedius and Card Reader. Washington's most famous Clairvoyan; and Palmist. Consult her on best terms and willing to the cheer and the cheer an Will as cheerfully make a \$10 loan as \$100, and no charge or expense if loan is not made. Always ready and willing to give information regarding rates and methods to secure loan. We are the oldest loan company in the city, and will give you honest treafracht. All business strictly considerable. Private offices.

Washington Marigage Loan Co.,

610 " Street N.W. NONEY TO LOAN at 5%, 3%, 4 and 4% per cent, is sums of 51,000 to \$10,000 on D. C. real estate; pay of 5 and 6 per cent mortgages and begin news; wil transactions conducted with economical consideration for hortowers. WM. H. SAUNDERS & CO. 1607 F st. nw. 151 ftem MONEY leaned salaried people and retail merchants upon their own names, without security; casy payments TOLMAN, Room 48, 903-914 G at.

11 HAVE FOUND a positive cure for drunkenness:

SECURITY LOAN COMPANY,

Cor. 9th and F Sts. N. W.

Columbia Luilding Association. Pres. J. T. Winter, Vice Pres. E. M. Gillett, sec. G. P. Newton, Shares, \$1.00 per month, No back payments. Combines all the best extures of other associations. PAID 6 PER CENT o its shareholders last year. Makes loans only form desired. Its financial affairs are ecomically managed and guaranteed under the supervision of its board of directors by the REALTY APPRAISAL AND AGENCY CO., INCORPORATED.

Offices, 610 13th St. Woodward, Pres.; E. S. Parker, Vice Pres.; W. J. Newton, Treas.

Storage. Hauling. Packing.

MACHINERY, BOILERS, SAFES, STONE anded and placed in position.
FURNITURE, PIANOS, GLASS, and HINA carefully pucked for stopment. STORAGE FURNISHED IN FIRE PROOF BUILDING-Not Stables or Fire Traps. TWENTY YEARS' EXPERIENCE. ESTIMATES FURNISHED.

Springmann's Express, 937 D St. N. W.

Telephone 263.

PERSONALS.

Specialist.

Regular graduate two schools: Authorized by the District Government to treat All diseases of the Ness. Threat, and Lungs. Heart. Nerves, Brain, Blood, Skin, Stomach, Kishieya and Bladder, Night Leases, Sexual Weaknes, and all special Diseases of either sex. Stricture, Varieccelo and Hydrocele cured without cutting or operation. No pain. No loss of time. A prompt and permanent cure guaranteed. Syphilis any stage loured for life without mercury or potash. No exposure CHARGES LOW.

MEDICINES FURNISHED. Daily Office Hours-10 to 1 and 3 to 6. Sunday. FREE CONSULTATION.

EDUCEDI REDUCEDI
His readings to
Ladies, 25. Gents, 50c. REDUCEDI

PROF. CLAY,

Oldest established Clairvoyant, tells your business, love affairs, family troubles, about lawsuits, di-voters, or anything you wish to know, brings separated together; causes speedy marriages; re-moves family troubles, bad luck spells, or mys-terious feelings, 10 to 10 daily. 429 H at sw.

Dr. Leatherman,

EXPERT SPECIALIST in the cure of all private diseases. Hydrocele, Varicocele, Stricture, Impotency, and Syphillite Diseases positively cured. Advice and consultation free. Both seven. Daily, 5 to 12, 2 to 7, Tuesday, Thursday, and Saturday. Evenings, 7 to 5. 602 F Street Northwest. (Closed Sunday.)

The "3 Days" Cure (for men) leads all remedies in this city; a prompt and permanent cure or no charge. Con-sultation free. Dit. McKEEHAN, 516 17th st. nw. Office hours, 9 to 12 a. m.; 6 to 8 p. m. Sundays, 2 to 4 p. m. mh23-lme

Washington D.C. X-RAY IN USE FOR EXAMINATION AND DIAGNOSIS

GERMAN SPECIALISTS in charge to treat all chronic diseases of man and woman, Catarrh, Rheumatism, Brain, Stomach, Heart, Kidney, Bladder, Hemorrhoids (Piles) cured; vitality re-Bladder, Hellowick Diseases, Stricture, Impotency, stored, PRIVATE DISEASES, Stricture, Impotency, Varioocele, Hydroccie, Syphilitic Skin and Blood Poison cured without mercury.

Especial attention in old and so-called incurable crases, treated and cure socomplished. Hours, 19 pp. 12, 2 to 6. Tuesdays, Thursdays, and Saturdays, till 5 evening. (Sunday closed.) Dr. CZARRA.

Dr. Reed

Dr. Reed cures catarfs, kidney, and tomach troubles, brain and bladder troubles, brain and bladder troubles, sexual weakness and all the apecial diseases; youthful indiscretion, loss of manhood, variencele, hydrocele, stricture, &c., without cutting or operation, and without the use of mercury and other poisons.

Promptnes: and permanency make Dr. Reed's methods particularly desirable. Comsultations free. Office hours, 10 to 1, 2 to 6, daily; Sunday, 10 to 12.

PROF. LEO,

CLARRYOYANT AND PALMIST.
THE ONE WHO NEVER FAILS.
WONDERFUL READINGS DAILY.
Asks no questions, tells just what you wish to mow. Are you separated from one you love? Doesn wish a channe of luck, love, marriage, discret, true or nurrue! Has your loved one grown old? Spells, rhemies, drunkennass, family trember. You are unrearried, you have an uffinity, lave one drawn to you. Come to PROP, LEO, he Reliable, after 10 a. m. Being this ad. 728 Oth at, nw. No sign.

H. K. FULTON'S 314 Ninth Street N. W. OLD GOLD AND SILVER BOUGHT.

Business strictly confidential. No con-with any other Loan Office in the city. Mrs. M. RENNER.

Medium and Card Reader. Washington's most famous Clairvoyane and Palmist. Consult ber on business, love, and family affairs; reunites the separated; removes spells; causes speedy martiages and gives luck. Open daily. Germas speken; 25c and 50c, 1920 H st. nw. app-it.

THIS is Easter seek, boys, and you ought to know that we are here with an elegant stock of light overcoats and suits of clothes of best materials and not seen much, and prices to suit the workingman. The long established JUSTH'S OLD STAND, 010 D st. ap16-71

MONEY TO LOAN ON APPROVED COLLAT-ER. L. -No delay. CHANGES A. BAKER. Rooms 60 and 44. Metzerott Building, 1110 F st. j-12-tf.

MONEY LOANED or homeshold farniture, without delay in any amount from \$10 up at lowest rates of interest. Fayments and time to suit your convenience and no charges in advance. Security remains in your convenience and no charges in advance. Security remains in your passession, We are the only importly organized loan company and if you apperciate quick service, continues teatment and aftention to your interests, you will leave your appearance of your interests, you will leave your application with us. Most private office in the city. All transactions confidential. MR. I. NORRIS, Baltimore's talented medium, and the state of the in the state of th

Bunyadi János

MME DAVIS, born clairvoyant and card to der talls about buriness, removes apells and evi influences requires the separated, and gives held to all; curse piles and drunkenness. 1228 55th st

For Constitution. UNEEDA BISCUIT.



Broken Arti-Major's ement

ENNYROYAL PILLS

